

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **COMPOSITIONS OF ORTHOGONAL LYSYL-tRNA AND AMINOACYL-tRNA SYNTHETASE PAIRS AND USES THEREOF** the specification of which X is attached hereto or _____ was filed on as Application No. , and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

| Country | Application No. | Date of Filing | Priority Claimed Under 35 USC 119 |
|---------|-----------------|----------------|--------------------------------------|
| | | | |

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

| Application No. | Filing Date |
|-----------------|-------------------|
| 60/537,149 | January 15, 2004 |
| 60/528,815 | December 10, 2003 |
| 60/485,451 | July 7, 2003 |

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| Application No. | Date of Filing | Status |
|-------------------|----------------|---------|
| PCT/US2004/022187 | July 7, 2004 | Pending |

| | | | |
|--------------------------|---|---|--|
| Full Name of Inventor 1: | Full Name: J. Christopher Anderson | | |
| Residence & Citizenship: | City: San Francisco | State/Foreign Country: California | Country of Citizenship: United States |
| Post Office Address: | Post Office Address: 124 Mason St., Apt. 401 San Francisco, California 94102 USA | | |
| Full Name of Inventor 2: | Full Name: Ning Wu | | |
| Residence & Citizenship: | City: Brookline | State/Foreign Country: Massachusetts | Country of Citizenship: China |
| Post Office Address: | Post Office Address: 116 Centre Street, Brookline, Massachusetts 02138 USA | | |
| Full Name of Inventor 3: | Full Name: Stephen Santoro | | |
| Residence & Citizenship: | City: Cambridge | State/Foreign Country: Massachusetts | Country of Citizenship: United States |
| Post Office Address: | Post Office Address: 1697 Cambridge Street #15, Cambridge, Massachusetts 02138 | | |
| Full Name of Inventor 4: | Full Name: Peter G. Schultz | | |
| Residence & Citizenship: | City: La Jolla | State/Foreign Country: California | Country of Citizenship: United States |
| Post Office Address: | Post Office Address: 1650 La Jolla Rancho Road, La Jolla, California 92037 | | |

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| | | |
|--|--|--|
| Signature of Inventor 1 <hr/> J. Christopher Anderson <hr/> Date | Signature of Inventor 2 <hr/> Ning Wu <hr/> Date | Signature of Inventor 3 <hr/> Stephen Santoro <hr/> Date |
| Signature of Inventor 4 <hr/> Peter G. Schultz <hr/> Date | | |